



PATENT  
P56989

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

JIN-WOO PARK, et al.

Serial No.: 10/766,913

Examiner: MENZ DOUGLAS M

Filed: 30 January 2004

Art Unit: 2891

For: ELECTROLUMINESCENT DISPLAY DEVICE

**INFORMATION DISCLOSURE STATEMENT**

**Mail Stop: Application Number**

Commissioner for Patents

P.O.Box 1450

Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §1.56, and §§1.97 and 1.98 as amended, Applicant cites, describes, and provides copies of the following art references:

**FOREIGN PATENT REFERENCE(S):**

- Korean Patent Publication No. 1999-0082912 to Nakamura, *et al*, entitled ORGANIC ELECTROLUMINESCENT DEVICE, published on 25 November 1999.

Folio: P56989

Date: 8/30/05

I.D.: REB/ms

### **OTHER DOCUMENT**

- *Office Action* from the Korean Industrial Property Office issued in Applicant's corresponding Korean Patent Application No. 10-2003-0027991 dated 14 June 2005.

### **DISCUSSION**

As written in Notice to Submit Response issued by the Korean Intellectual Property Office on the 14 June 2005 in applicant's corresponding Korean Patent Application corresponding to applicant's above-captioned U.S. Patent Application, **Nakamura 'KR912** discloses that an organic electroluminescent (EL) device is improved to produce an increased luminance and have a prolonged lifetime. In an organic EL device comprising a cathode layer 16, an electron injection region 14, a light emission region 12 and an anode layer 10 as laminated in that order, the electron injection region 14 contains an aromatic compound composed of carbon and hydrogen or an aromatic compound composed of carbon, hydrogen and oxygen, along with a reducing dopant, and the electron affinity of the electron injection region is controlled to fall between 1.8 and 3.6 eV; or the electron injection region 14 contains an electron affinity of the electron injection region is controlled to fall between 1.8 and 3.6 eV.

The citation of the foregoing references is not intended to constitute an assertion that other or more relevant art does not exist. Accordingly, the Examiner is requested to make a wide-ranging and thorough search of the relevant art.

Pursuant to 37 CFR § 1.97(d), the undersigned attorney hereby certifies that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign patent application not more than three(3) months prior to the filing of the statement.

No fee is incurred by this Statement.

Respectfully submitted,


A handwritten signature in black ink, appearing to read 'R. E. Bushnell', written over a horizontal line.

Robert E. Bushnell

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Date: 30 August 2005  
I.D.: REB/ms

<b>INFORMATION DISCLOSURE STATEMENT</b> P569-1449 (PAGE 1 OF 1) 	SERIAL NUMBER 10/766,913	DOCKET NO. P56989
	APPLICANT JIN-WOO PARK, <i>et al.</i>	
	FILING DATE 30 January 2004	GROUP 2891

U.S. PATENT DOCUMENTS						
EXAMINER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE

FOREIGN PATENT DOCUMENTS						TRANSLATION	
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
	KR 1999-0082912	11/99	Republic of Korea			Abstract	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)	
	Office Action from the Korean Industrial Property Office issued in Applicant's corresponding Korean Patent Application No. 10-2003-0027991 dated 14 June 2005.

EXAMINER:	DATE CONSIDERED:
<small>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>	